troubleshooting

The unit gets warm when on
- It is completely normal for the front of the unit to feel slightly warm.

The lights won't dim up or down or flicker
- Are they compatible—see the guide on the first page?
- Is the total wattage higher than the minimum load?
- Ensure that when using low voltage lighting the transformer is dimmable

The green-i locator is off or dim
- This is only on when the lights are off
- The brightness of the locator can be changed by pushing and holding the down button when the lights are off

ratings

Voltage	230VAC +/- 10%
Frequency	50Hz
Temperature	0ºC to 35ºC
Power	see ratings on front page
Compliance	BS EN60669-2-1 & BS EN55015

CE

EU registered design no. 000638069-0003, 000638069-0004

FM45789

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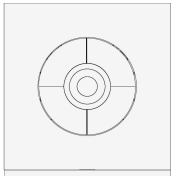
%WD279 Issue 1

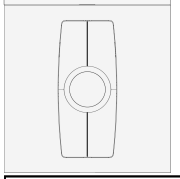
green-i advancedswitchtechnology

innovation from CP electronics intelligent energy control



Part no.

GI2DC



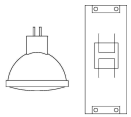
GI2DT

- Two gang dimmer
- Replaces a standard light switch or dimmer
- Security mode
- Night light mode*
- Scene setting and soft on/off*

*only available using remote handset

✓ COMPATIBLE LAMPS

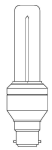
Mains tungsten GLS filament or halogen lamp
Min 60W per output
Max 150W per output



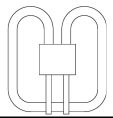
Low voltage halogen with transformer
Min 60W per output
Max 150W per output
Transformer must be suitable for leading edge dimming

✗ INCOMPATIBLE LAMPS

Linear fluorescent



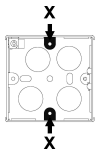
Standard compact fluorescent (CFL)
Or low energy lamps
Or CFL dimmable lamps



2D fluorescent

installation

This product should be installed in accordance with the current IEE wiring regulations.
If in doubt consult a qualified electrician.

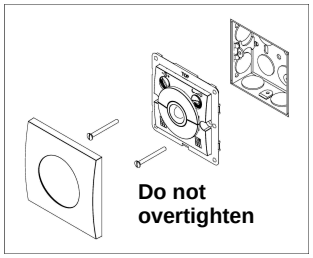


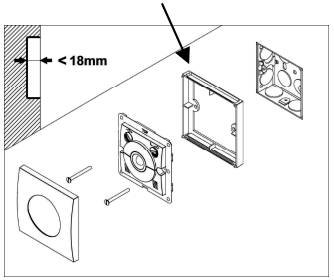
Compatible with all BS4662 dimensions back boxes.

Remove top and bottom lugs if fitted.

Use the extender if there is less than 18mm free space.

REMEMBER—put the wires through the extender before connecting





Night light—off level, useful for children's bedrooms. Level can be overridden using down button.	
1	Off
2	10%
3	20%
4	30%

Security mode—lights turn on when dark for period of time below	
1	Off
2	2 hours
3	4 hours
4	6 hours

Battery change
Use only Lithium coin cell CR2025.

button not used

special features

Overload protection

An internal temperature sensor on the device ensures that if the unit is overloaded or the ambient temperature rating is exceeded then the no permanent damage is caused to the unit. When an excessive temperature is measured, the output will dim down until the correct temperature is restored. The green-i locator will flash to warn that this is happening.

Adaptive dimming control

To enable the correct dimming level to be selected easily by the user, the off button is disabled for a short period of time during adjustments, enabling it to be used just for down control.

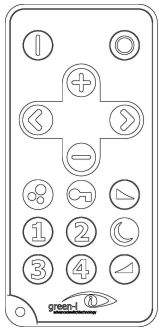
Security mode

If your house is vacant and you want the lights to give the impression that someone is in, use the security mode. Shortly after it gets dark outside (15 minutes) the lights will turn on, and then turn off after a preset period of time. The dimming level for security mode will be the last level used or 50% whichever is greater.

Soft on

To prevent the discomfort of bright lights turning on when you wake up, this mode senses the daylight level and if it is very dark will dim the lights up slowly for maximum user comfort.

remote handset



turn lights on

turn lights off

dim up

dim down

set lights to preset scene number

To set scene levels:

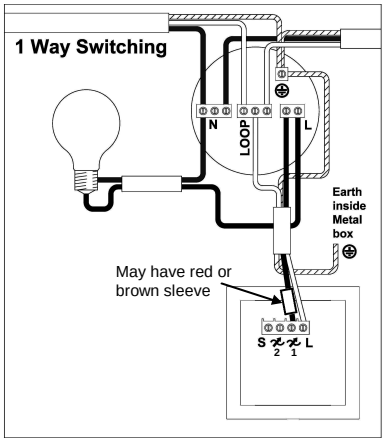
- adjust lights to desired level on each output
- store scene using this sequence:

set scene scene number

Soft on—how quickly the lights turn on	
1	Immediate
2	2 sec
3	7 sec
4	depends on measured light level. If it is very dark, the lights will dim the lights up slowly for maximum user comfort.

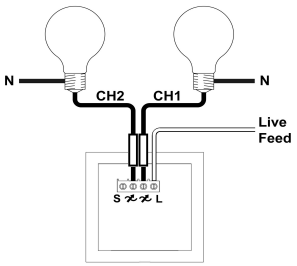
Soft off—how quickly the lights turn off	
1	Immediate
2	2 sec
3	7 sec
4	10 sec

wiring



1 way switching
If the lights are controlled from one location only, wire as in the diagram. The diagram shows a single output being used– for two gang switching simply duplicate using the other output.

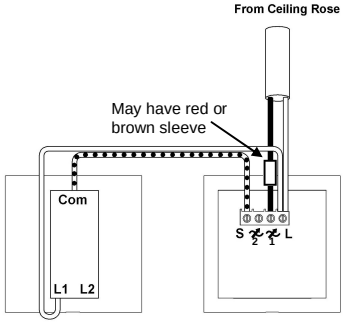
2 Gang



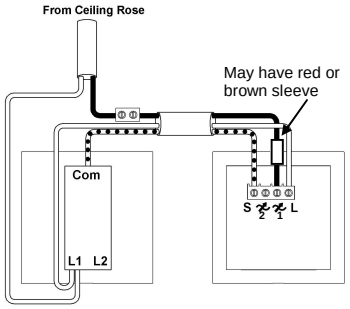
Neutral	Black or Blue
Live	Red or Brown
Earth	Yellow Green
Strapper	Yellow or Grey

2 way switching
Where lighting is switched from more than one location, this unit can be used with another single gang light switch. N.B. do not use with another dimmer switch.
Depending on the installation, wire using one of the diagrams below.

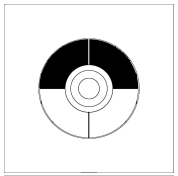
2 Way Switching—A



2 Way Switching—B

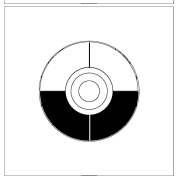


operation



Short press left or right —lights on output 1 or 2

Long press left or right —lights dim up output 1 or 2

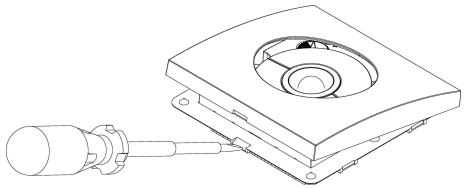
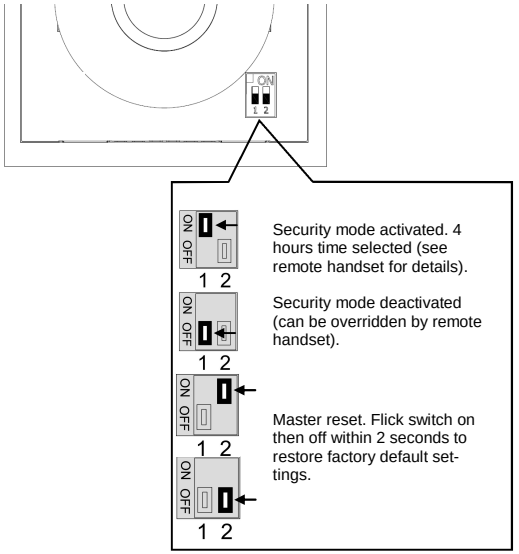


When lights on
Short press left or right—lights off output 1 or 2

Long press left or right—lights dim down output 1 or 2

When lights off
Long press—change brightness of green-i locator

setup



Remove front cover